

USA Patent Application
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ELECTRIC MOTOR, IN PARTICULAR A FAN MOTOR

Abstract

Electric motor, in particular a fan motor

An electric motor having a stator and a rotor, with the rotor having at least one permanent magnet and one rotor shaft and with the stator having at least two coils which produce a rotating magnetic field when alternating currents flow through them, by which the rotor can be driven, and wherein the rotor shaft is mounted radially and axially. The rotor (4) is mounted by at least one elastic thrust ring (1a, 1b), with one thrust ring (1a) being arranged axially on one side of the rotor (4).